Paul Waweru

Software Engineer

London

paul.waweru58@gmail.com
github.com/paulmbw
paulmbw.me.uk

Key Skills

Javascript: Vanilla Javascript & Typescript, React, Redux, Node.js

Behavior and test-driven development: Cucumber.js, Mocha, Chai, Jest, and Enzyme

Java: Java 7, JUnit and Spring Boot

Methodologies: Agile (weekly sprints, sprint planning, retrospectives)

Version Control: Git

Work experience

Full-Stack Software Engineer   April 2019 - Present

Bulb Energy

- Involved in the Export Trial project from its inception which pays Bulb members for the energy they export to the grid. Gained experience with setting up infrastructure and services/dependencies, architecting a payment solution and hands-on development with **Typescript**, **Node.js**, and **Google Big Query**.

Applications Engineer   November 2017 - March 2019

Medidata Solutions

- Transitioned to a full-stack position whilst on-boarding a greenfield project named Study Management, a web application for managing clinical trials. The project comprised of **React** on the front-end (including **Redux**, **reselect**, and **redux-saga**), and **Node.js** (with **Express**) on the backend for managing **RESTful API's**.
- **Test-Driven Development** with **Mocha** as a testing framework, **Chai** for assertions, **Enzyme** for unit testing React components.
- **Behaviour-Driven Development** with **Cucumber** for defining scenarios and step definitions.

Associate Applications Engineer   June 2016 - November 2017

Medidata Solutions

- Applied knowledge and experience with **Java** and **object-oriented design** through the Master Data Sync project which entailed building API's for external services to make use of.
- Applied **Spring Boot** framework as a foundation for the API's, and conducted **Test-Driven/Behaviour-Driven Development** with **JUnit** and **Mockito**.
- **Pair-programmed** with senior engineers to build on knowledge and experience.

Technology & Analyst Intern   June 2015 - September 2015

Medidata Solutions

- 10-week summer internship, working closely with senior engineers through understanding the **software development lifecycle**.
- Showcased contributions to several teams across different departments in the company, including weekly presentations to staff in New York.

Education

BSc. Computer Science (Software Engineering)   September 2013 - June 2016

University of Hertfordshire

Whilst obtaining a First Class Honours, studying at Hertfordshire enabled me to acquire the necessary foundation that pertains to Computer Science, especially object-oriented fundamentals and building skills in programming. My final year project, wherein I built an Android application, helped with understanding the software development process in which many software projects today rely on.

Final Year Project – The Development of a Location-Aware Tweet Distribution Application (Android) - http://bit.ly/2pPSGJz